

Converting Colors

Decimal(13803039)

Have a look what the booklet for
Decimal(13803039) contains.

Decimal(13803039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13803039)

Conversions

Conversions Part 1

Format	Color
Hex	D29E1F
RGB	210, 158, 31
RGB Percent	82%, 62%, 12%
CMY	0.1765, 0.3804, 0.8784
CMYK	0.00, 0.25, 0.85, 0.18
HSL	43°, 74%, 47%
HSV	43°, 85%, 82%
XYZ	39.0525, 38.2543, 6.6218
YIQ	159.0700, 71.7590, -28.4730

Conversions

Conversions Part 2

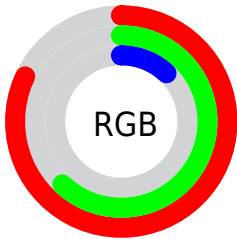
Format	Color
RYB	104, 210, 31
Decimal	13803039
CIELab	68.21, 8.75, 66.53
CIELCh	68, 67.107, 82.509
Yxy	38.2543, 0.4653, 0.4558
Android (android.graphics.Color)	4291993119 (0xFFD29E1F)
YUV	159.0700, -63.1385, 44.6656
Hunter-Lab	61.8500, 4.4685, 36.9473

Details

The Decimal color **13803039** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **2053074**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16766042**, and **9857792** is the 20% darker color. If you saturate the color by 10%, you get **13801482**, and if you desaturate by 10%, it is **13804596**.

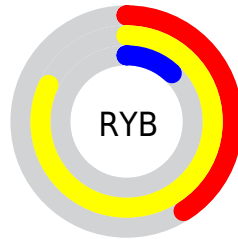
Distribution



Red (82%)

Green (62%)

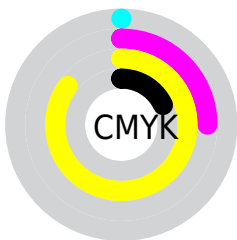
Blue (12%)



Red (41%)

Yellow (82%)

Blue (12%)

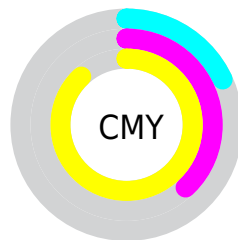


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (18%)



Cyan (18%)




















Magenta (38%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13803039 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 13803039 by changing the saturation by 10% instead.

 13803039	 13803039
 16777215	 11830272
 16766042	 9857792
 16773493	 8016640
 16777104	 6110208
 16777132	 4335360
 16777161	 2626304
 16777190	 196608
	 0
 13803039	 13803039

■ 13801482

■ 13804596

■ 13800704

■ 13806153

■ 13807710

■ 13809267

■ 13811080

■ 13812637

■ 13814194

■ 13815751

■ 13817308

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16614982



13803039



10072360

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13803039



50131



14779121

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13803039



2053074

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9084415



13803039



48895

Square

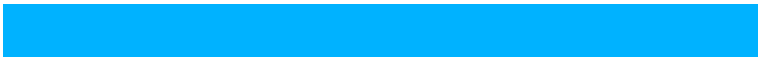
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13803039



49813



45823



16740024

Rectangle

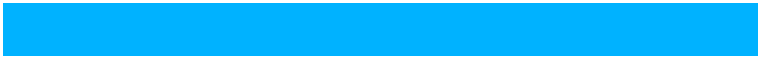
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13803039



6928710



45823



13274111

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13803039



16772285



13770581



8418392



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13803039



16758016



11457055



6907486



11040512



2694400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2053074



19199



4399058



6185321



12712



3113

Previews

White Background



This preview shows how the Decimal color 13803039 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 13803039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13803039 Background



This preview shows how black text looks on a background with the Decimal color 13803039.



This preview shows how white text looks on a background with the Decimal color 13803039.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
13803039

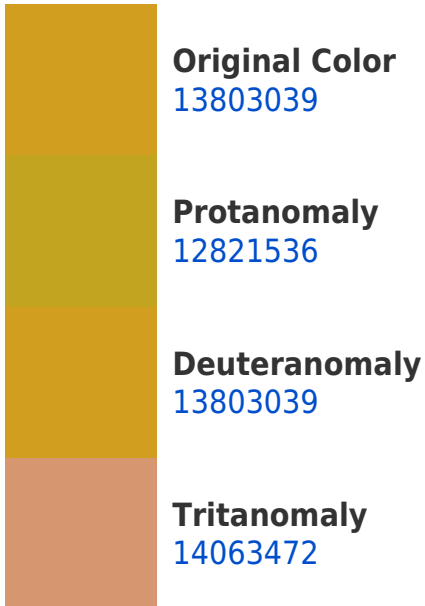
Protanopia
12298017

Deuteranopia
13803039



Tritanopia
14259102

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13803039 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D29E1F looks like.

```
.text, #text, p{  
  color:#D29E1F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D29E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29E1F
}
```

Border

The CSS property to change the border of an element to Decimal 13803039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D29E1F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D29E1F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D29E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29E1F; -webkit-box-shadow:4px 4px  
4px 4px #D29E1F; box-shadow:4px 4px 4px  
4px #D29E1F }
```

Background

The CSS property to change the background color of an element to Decimal 13803039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29E1F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D29E1F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor